

extracted from a given cell line or tissue. The probe may be produced by reverse transcription of mRNA or total RNA and labeled with radioactive or fluorescent labeling. The probe is complex in that it contains many different sequences in various amounts, corresponding to the numbers of copies of the original mRNA species extracted from the sample.

In the claims:

Please amend the following claims:

11. (Once Amended) A substantially purified nucleic acid molecule comprising a fragment nucleic acid molecule having from about 30 to about 50 nucleotide residues of a nucleic acid molecule having the nucleotide sequence of SEQ ID NO: 48411.
12. (Once Amended) A substantially purified nucleic acid molecule comprising a fragment nucleic acid molecule having from about 50 to about 100 nucleotide residues of a nucleic acid molecule having the nucleotide sequence of SEQ ID NO: 48411.
13. (Once Amended) A substantially purified nucleic acid molecule comprising a fragment nucleic acid molecule having from about 30 to about 50 nucleotide residues; wherein said fragment nucleic acid molecule exhibits complete complementarity to a fragment of a second nucleic acid molecule having a nucleic acid sequence having the nucleotide sequence of SEQ ID NO: 48411 and a complete complement thereof.
14. (Once Amended) A substantially purified nucleic acid molecule having between 90% and 100% sequence identity with base pairs 1 through 123 of SEQ ID NO: 48411 and a complete complement thereof.